

In the Specification:

Please amend the specification as shown:

Please amend the paragraph on page 9, lines 23-29 as follows:

Figures 2A-D show cloning steps in generating libraries of fusion molecules according to one aspect of the invention. Figure 2A (SEQ ID NOS 29-37 38 respectively in order of appearance) shows preparation of a nucleic acid encoding an insertion sequence (e.g., β -lactamase) for subsequent cloning steps. Figure 2B shows random insertion of the insertion sequence into acceptor sequences digested with a nuclease. Figure 2C shows a variation of the insertion method shown in 2B which comprises incremental truncation. Figure 2D is a flow chart illustrating selection of active fusions according to one aspect of the invention.

Please amend the paragraph on page 10, lines 1-10 as follows:

Figures 3A-G illustrate methods of using molecular switches according to aspects of the invention. Figure 3A shows regulation of gene transcription using a fusion molecule according to one aspect of the invention (SEQ ID NOS 39-41 respectively in order of appearance). Figure 3B shows modulation of a cell signaling pathway according to another aspect of the invention. Figure 3C shows drug delivery mediated by a fusion molecule to a cell expressing a marker of a pathology. Figure 3D shows the use of fusion molecules for drug transport to an intracellular compartment. Figure 3E shows delivery of a conditionally toxic fusion molecule to a cell. Figure 3F shows the use of a fusion molecule for metabolic engineering. Figure 3G shows a fusion molecule according to one aspect of the invention which functions as a biosensor.